

Species of Habitat Fragmentation Concern

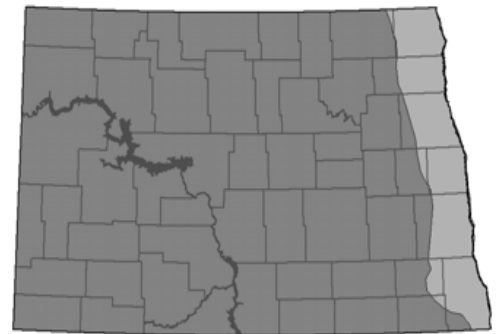
Species: Sprague's Pipit (*Anthus spragueii*)

Habitat Preference: Seasonal resident, species nests in North Dakota. Endemic to North American grasslands, predominately found in well-drained areas in open grassland devoid of shrubs and other woody vegetation (Robbins and Dale 1999). With few exceptions, requires large areas of native grasslands with grasses of intermediate height and thickness with moderate litter depths (Hagen et al., 2005; Robbins and Dale, 1999).

Habitat Fragmentation Concerns: Species of Conservation Priority in North Dakota because of continued destruction and/or degradation of native prairie (Level I; Hagen et al., 2005). Occurrence and density of Sprague's pipits is area sensitive requiring large, intact, grasslands for breeding (Hagen et al., 2005; Ribic et al., 2009). Candidate Species for listing under the Endangered Species Act



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Map of Species Range in North Dakota
Source: Hagen et al., 2005

Literature:

- Hagen, S.K., P.T. Isakson, and S.R. Dyke. 2005. North Dakota Comprehensive Wildlife Conservation Strategy. North Dakota Game and Fish Department. Bismarck, ND. 454 pp.
<http://gf.nd.gov/conservation/cwcs.html>
- Ribic, C.A., R.R. Koford, J.R. Herkert, D.H. Johnson, N.D. Niemuth, D.E. Naugle, K.K. Bakker, D.W. Sample, and R.B. Renfrew. 2009. Area sensitivity in North American grassland birds: Patterns and process. *Auk* 126:233-244.
- Robbins, M.B. and B.C. Dale. 1999. Sprague's Pipit (*Anthus spragueii*), The Birds of North America Online (A. Poole, Ed.). Ithaca: Cornell Lab of Ornithology; Retrieved from the Birds of North America Online: <http://bna.birds.cornell.edu/bna/species/439>